

Course Title	Course	Credit Hours	Typically Offered
Comparative Vertebrate Anatomy	BIOS 5030	5	Every spring
Developmental Biology	BIOS 5070	3	Every fall
Human Neuroscience	BIOS 5130	3	Every fall
Molecular and Cellular Neuroscience	BIOS 5140	3	Every spring
Systems and Cognitive Neuroscience	BIOS 5150	3	Every spring
Methods in Computational Neuroscience	BIOS 5180	3	Alternate falls
Principles of Physiology I	BIOS 5420	5	Every fall, spring
Tropical Disease Biology	BIOS 5440	3	Every fall
Special Topics in Biomedical Engineering	BME 6900	1-6	Every semester
Biomedical Engineering Internship	BME 6910	1	Every semester
Research in Biomedical Engineering	BME 6940	1-15	Every semester
Continuum Mechanics	CE 6230	3	Alternate springs
Physical Chemistry of Macromolecules	CHEM 5710	4	Yearly
Biochemistry I	CHEM 5901	4	Every fall
Protein Chemistry	CHEM 7110	4	Alternate springs
Advanced Special Topics in Biochemistry	CHEM 7150	4	Every spring
Enzymology	CHEM 7160	4	Alternate falls (2013)
Statistical Foundations for Bioinformatics	CS 5180	3	Every spring
Artificial Intelligence	CS 5800	3	Every spring
Computer Graphics and Visualization	CS 6250	3	Alternate springs
Advanced Topics in Artificial Intelligence	CS 6800	3	Every spring
AI: Case-based Reasoning	CS 6820	3	Alternate springs
Image Understanding	CS 6850	3	Alternate falls (2012)
Special Topics in Computer Science	CS 6900	4	Every fall, spring
Digital Image Processing	EE 6643	3	Every fall
Pattern Recognition	EE 6663	3	Every spring
Neural Networks	EE 6673	3	Alternate springs (2013)
Engineering Statistics	ISE 5200	3	Every fall, spring, summer I
Quantitative Foundations for Bioinformatics	MATH 5680	3	Every fall
Advances in Signal Transduction	MCB 7100	4	Every spring
Molecular Biology	MCB 7200	3	Every fall
Advanced Cell Biology	MCB 7600	3	Every fall
Mechatronics I	ME 5550	3	Every fall, spring
Introduction to Finite Element Methods	ME 6570	3	Every spring
Advanced CAD	ME 7510	3	Every spring
Non-Newtonian Fluid Dynamics	ME 7620	3	Infrequent springs
Cell and Molecular Biophysics	PHYS 5301	3	Alternate springs (2014)